



**PATENT**

Case Docket No. HYLEE80.001C1

Date: October 14, 2003

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants	:	Lee, et al.
Appl. No.	:	10/600,145
Filed	:	June 19, 2003
For	:	A METHOD FOR EXTRACELLULAR PRODUCTION OF TARGET PROTEINS EMPLOYING OmpF IN E.coli
Examiner	:	Unknown
Group Art Unit	:	Unknown

**TRANSMITTAL LETTER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

An Information Disclosure Statement;  
A PTO Form 1449 with five (5) references; and  
Return prepaid postcard.

Applicants state that the International Patent Application No. PTC/KR02/01547, from which this application claims the priority under 35 U.S.C. § 365(c), was published in English as International Publication No. WO 03/016538 A1 on February 27, 2003.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.

Mincheol Kim  
Registration No. 51,306  
Agent of Record  
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## INFORMATION DISCLOSURE STATEMENT

Applicants : Lee, et al.  
App. No. : 10/600,145  
Filed : June 19, 2003  
For : A METHOD FOR EXTRACELLULAR  
PRODUCTION OF TARGET PROTEINS  
EMPLOYING OmpF IN *E.coli*  
Examiner : Unknown  
Group Art Unit : Unknown

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing 5 references that are also enclosed.

This Information Disclosure Statement is being filed within three months of the filing date of this application and no fee is required in accordance with 37 C.F.R. § 1.97(b)(1), (b)(2), or (b)(4).

Respectfully submitted,  
KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 10/14/03

By: 

Mincheol Kim  
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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
HYLEE80.001C1APPLICATION NO.  
UnknownINFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT  
Lee, et al.FILING DATE  
June 19, 2003GROUP  
Unknown

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	1.	EP 138644 B1	08/21/91	EP				X
	2.	JP 59088092	05/21/84	Japan			Abstract Only	
	3.	JP 61265092	11/22/86	Japan			Abstract Only	

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
	4.	Shibui, et al., High-level secretion of human Apolipoprotein E Produced in <i>Escherichia coli</i> : use of a secretion plasmid containing tandemly polymerized ompF-hybrid gene., 1991, Journal of Biotechnology, 17 109-120.
	5.	Shibui, et al., Secretion of a fuctional Fab fragment in <i>Escherichia coli</i> and the influence of culture conditions., 1992, Applied Microbiology Biotechnology, 37: 352-357.

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EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	